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Island and in all other parts of our district. Mr. Hall correctly observes that it is by no means confined to "rocky hills" as Gray's Manual seems to imply; it flourishes, for example, on the sandy plains of Long Island. Difficulties in the way of proof-reading may account for this omission, and other blemishes in our last number.

55. Synchronism.—If several species are found growing in the same situation, near each other, and under the same conditions, the probability is great that their respective stages of forwardness will indicate the true periodical relations of these plants to each other, better than the dates of specimens gathered in different situations and at different times. If we had a sufficiency of such data, we could correlate the periods in the life of all our plants. We are desirous of attempting something of this sort; and request those interested to send us from time to time, during the season, specimens of at least three or four species gathered at the same time and in the same spot, with the date, and situation; or, if it is inconvenient to send specimens, to send a statement. It is evident that we should have here material valuable for the catalogue in other ways. It is desirable but not necessary for the specimens to be named, and no native plant, with trace of flower or fruit, would be inappropriate.

56. Materials for the Catalogue.—We have received an interesting communication from Dr. O. W. Morris, respecting the Flora of the island of New York. We had thought to publish in a separate article, but for economy of space conclude that it is better to indicate for the future by the letters N. Y. the plants that are or have been found on the Island, and take some opportunity, hereafter, to name those already on our list and not thus specified.

We wish much that our friends would bestir themselves, both to get for us local lists, and to supply the Herbarium with specimens. At present, the only district tolerably well known to us, is our island, and that, only for the orders included in Gray's Manual. As an illustration of the interest of local lists, we may mention that we have lately discovered that there is a region north of us, including parts of Westchester, Dutchess, and Ulster Counties, where *Claytonia* is rare or altogether absent. In a trip to Ulster County this spring, we did not see *Anemone nemorosa*; and we learn from Lake Mohegan, Westchester Co., that *Houstonia cærulea* is not found there.

#### LEGUMINOSÆ.

LUPINUS, Tourn.—*L. perennis*, L.; not uncommon in sandy soils, in New Jersey, and on Long Island; Orange Co., *Austin*

CROTALARIA, L.—*C. sagittalis*, L.; common in sandy soil; N. Y.

TRIFOLIUM, L.—*T. arvense*, L.; common.—*T. pratense*, L.; common.—*T. repens*, L.; common.—*T. agrarium*, L.; common.—*T. procumbens*, L.; not uncommon; var. *minus*, not so common; New York Island, *O. W. Morris*: all N. Y.

- MELILOTUS, Tourn.—*M. officinalis*, Willd.; Hudson River, R. R. below Hastings, *W. H. L.*; Brooklyn, *T. F. A.*—*M. alba*, Lam.; very common now, though not in *Torr. Cat.*; N. Y.
- MEDICAGO, L.—*M. sativa*, L.; not rare in or near cultivated grounds. N. Y.—*M. lupulina*, L.; every where. N. Y.
- ROBINIA, L.—*R. Pseudacacia*, L.; common. N. Y.
- TEPHROSIA, Pers.—*T. Virginiana*, Pers.; not uncommon in the sandy soils of L. I. and New Jersey; probably also on dry hills within our limits in Westchester Co.
- ASTRAGALUS, L.—*A. Canadensis*, L.; Westchester Co. ? *Le Roy*.
- DESMODIUM, DC.—*D. nudiflorum*, DC.; common. N. Y.—*D. acuminatum*, DC.; Palisades; Croton River, *T. F. A.*; New Jersey, *Austin*; Westchester Co., *Le Roy*; N. Y., *O. W. M.*—*D. pauciflorum*, DC.; Westchester Co. ? *Le Roy*.—*D. rotundifolium*, DC.; rather common, N. Y.—*D. canescens*, DC.; Bloomingdale, *Torr. Cat.*, but not assigned to this part of the State in *State Flora*; Inwood, *W. W. Denlow*; New Jersey, *Austin*.—*D. cuspidatum*, Torr. & Gray; *Torr. Cat.*; *T. F. Allen*; Chatham, N. J., Flatbush, L. I., *W. H. L.*—*D. laevigatum*, DC.; Kingsbridge, *State Flora*; Bergen Point and Chatham, N. J., *W. H. L.*; Suffolk Co., L. I., *T. F. A.*—*D. viridiflorum*, Beck; *Torr. Cat.*, Brooklyn, and New York Island, *State Flora*; Croton River, *T. F. A.*; New Jersey, *Austin*; *W. H. L.*—*D. Dillenii*, Darlingt.; common; N. Y.—*D. paniculatum*, DC.; common; N. Y.—*D. Canadense*, DC.; very common; N. Y.—*D. rigidum*, DC.; common; N. Y.—*D. ciliare*, DC.; common; N. Y.—*D. Marylandicum*, Boot.; common; N. Y.
- LESPEDEZA, Michx.—*L. procumbens*, Michx.; Northern part of New York Island; Long Island, *State Flora*; New Jersey; not uncommon.—*L. repens*, Torr. & Gray; Glen Cove, *Coles*; Long Island, *State Flora* & *T. F. A.*; New Jersey, *Austin*; Croton River, *T. F. A.*—*L. violacea*, Pers.; common, with the varieties *divergens*, *sessiliflora*, *angustifolia*; N. Y.—*L. hirta*, Ell.; New York; common.—*L. capitata*, Michx.; N. Y.; very common; var. *angustifolia*, *State Flora*.
- STYLOSANTHES, Swartz.—*S. elatior*, Swartz; New York Island; Elizabethtown, *Torr. Cat.*; Glen Cove, *Coles*; South Amboy & Red Bank, N. J.
- VICIA, Tourn.—*V. sativa*, L.; Hoboken, *Torr. Cat.*; Long Island; New York Island, *O. W. M.*—*V. tetrasperma*, L.; Hoboken, *Torr. Cat.*; New Jersey, pod dries yellow, *T. F. A.*; New York Island; *O. W. M.*—*V. hirsuta*, Koch; *Torr. Cat.*; New York Island, *O. W. M.* & others; common in the neighborhood of N. Y., *State Flora*; Newtown, L. I., *Ruger*; pod dries black, *T. F. A.*—*V. Caroliniana*, Walt.; High hills, *Torr. Cat.*; *Le Roy*.—*V. Americana*, Muhl.; shady rocky situations, *Torr. Cat.*; N. Y. Island, *O. W. M.*